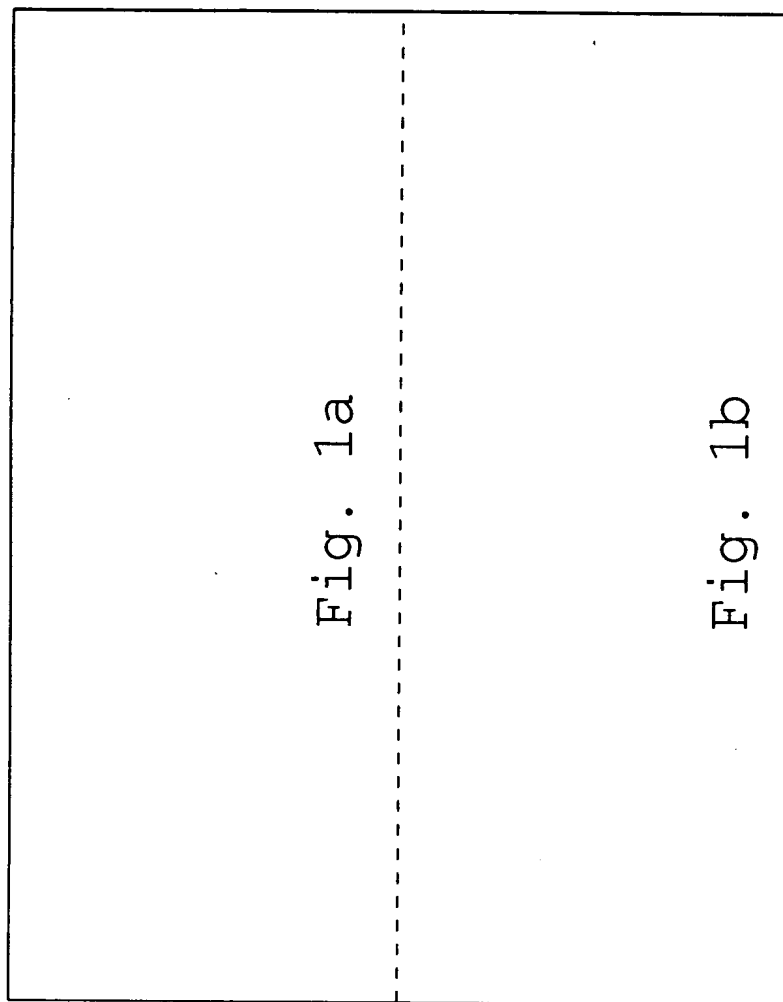


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106TDT DEE00T



TOGTFOT "DEEEOOT" (3)

SEQ ID NO:

6 Streptopain	1 MNKKKLGRLLSLLALGGLVLANPVFAQNFARNEKEAKDSATFIQKSAALKAARSAAE
5 prtT	1 -MKRIFVTLGLLLCLPML-QAGPVTRSKAEQAKNFFAKROPTL-----SSSTASURMDP
1 Periodontain	1 -MKKSELATVMLFGLTAMQGHSAVPTKRALSLAR--LALRQVSLRMGQIAVSDKLSIDY
Streptopain	61 DIKLDKVNLG-----GELSGSNMYYVNIISTG-GFVLVSGDKRSPEILGYSTSGSFDANGKE
prtT	55 VYK--AAER-----EE--ALFVFNRRGEKDGFLVAADDRFPPEVAGYAFKGFHDAARIP
Periodontain	58 VYRQGDARIGITSQEEGSPAYFYVANRGNNEGVALVAADDRIPITLLAYSPIGRFDMDSMP
Streptopain	116 N-----IASFMESYVEQIKENKKLDTTYAGTAETIKQPVVKSLLD\$KGIHNNQG
prtT	105 DNLRGMLKGYEREMLAAMDGKAEPIDPIREAKPTRDPSSIAPIETGEHASDPILMDDQG
Periodontain	118 DNLRMMLQIYDQEIQLISGKAQNLNEELR---TEGVPAEVAHALMDNCHFANDPMMRWNQG
Streptopain	164 NPYNLLTPVIEKVKPGEQSFVQOHAATGCVATATAQIMKYNHNPKNKGLDYTYTLSSNNP
prtT	165 YPENTLHPLLP-----SQOAYTGCVATAMQIMRHYKWPEKASGEYDYDDMTGT
Periodontain	175 YPMNNKEPLLP-----GNHAYTGCVATAAQIMRYHSWPLQGECSLDYHAGSLVG
Streptopain	224 YFNHPKNLFAVAISTRQYNWNNLLPTYSGR-ESNVQKMAISELMADVGISVDMDYGPSSGS
prtT	216 HT-----HYSGTFGETYNWSKMPGNISVG-LSPEVKAALSTFMRDVSFSVNMQFADFSGG
Periodontain	226 N-----WSGTFGEMYDWIINMPGNPDLDNLTQSQVDAYATLLMRDVSASVSM\$FYENGSG
Streptopain	283 AGSSRVQRALKENFCYNQSVHQINRSD\$SKQDWEAQIDKEL\$QNQNPVYYQGVGVKGHAF
prtT	270 TESLIFVERALRETFYKKSRLRYIHRSLLPCKEMKDMIRKELAENRPVYYAGADGSMGHAF
Periodontain	279 TYSVAVVGALRNFRYKRSLLQLHVRALYTSQEW\$DMIRGELASGRPVYYAGNNQ\$IGHAF
Streptopain	343 VIDGA\$GRNFFHVNWGWGGVSDGFFRLDALNPSALGTGGGAGGFNGYQSAVVGIKP----
prtT	330 VCDGYEPDGTFFHFNWGWGG\$M\$N\$GNFYLNLLNPGSLGTRACDGGYSTDQEVVIGIEPASNE
Periodontain	339 VCDGYASDGTFFHFNWGWGGVSN\$G\$N\$K\$LTLLSP\$ASLIGGEGIGCFNIYQEIITGIEPAKTP

Fig. 1a

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TTTTT"DEEEOOT"

prtt 390 VP-GIVDPPTITLYGQHNMSDEA-LDSVKIKNYSTYAGDVKLAVRLTLPNGTETTNP
Periodontain 399 AEAGTDALPIALKDIEAEYKSESGLNMGYSIYNTGEEQSNLDGYRLNKADEGEVIEVKT

prtt 448 VIVPIVMEDIIGESTGNIATPCSQFAEGKNTISILYRTDGMADWKEKHHILMGLVNKITEV
Periodontain 459 SSINISMYG-YGEHPESFSLAPNQLSQGINITILLYRRTGTTEQWEPVRHQAQGYVNSIKV

prtt 508 TMPAGDVAYSAD---ARIVLKDGSLSHDLKAYSCKLSATVYNPGTTEFRSRVTFALRN
Periodontain 518 NTTDPNNVVTVTDNNECKLSIVPNSFVADLNSYEHSTLTVQFNSDSPDEIRTPVAFALST

prtt 565 --TEGRMYFLGRHVEVHPGDEDEGEKVSLTITGLKARACQYMLVCTGDMESLMEDASWIE
Periodontain 578 GATADDVISLGWVMAEVPGSSN-YPVVWSKDVLTLSECDYTLWYRFSIN--NQKDEWKK

prtt 623 LASIEVAEHTSTHSSLLVASNPQIDLLTVHRANPETLPTFSITNECGATFSCKEVVAIK
Periodontain 635 TGSVSVKTPTEYTHPLFEVGNQTSTYTLDMAHNRVLPDFLKKNLG-LPFNGEVLVVFRRQ

prtt 683 AFSET-FFQAKEEHMSLAQGETKVLSPELTANSSLYTNAELFPDGYIYIVIREQG-FWDP
Periodontain 694 TQSSSGSLWAAQETVHKQGETFVYKPVVEG-----PIPDGSRATLHAFVNGQQQ

prtt 741 KDLFGDYRYRTRRLTDLSSSDTAGKDVSTIVLYPNPAEDYVHVAIPPTYAGSTLR LFDLQ
Periodontain 745 LYLKCKRNYTVKLVNGTAVEAIE--SSEETIRVEPNPARDYVEISAPCIPQENSL LFDLS

prtt 801 GRMQSTKTESADMRDVERLPKCTYIVVVEDMVGKLFIR-
Periodontain 803 GKIVMKNSLSACHGRMDVSR LPLNGAYILKV DGYTTKINIVH

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Fig. 1b

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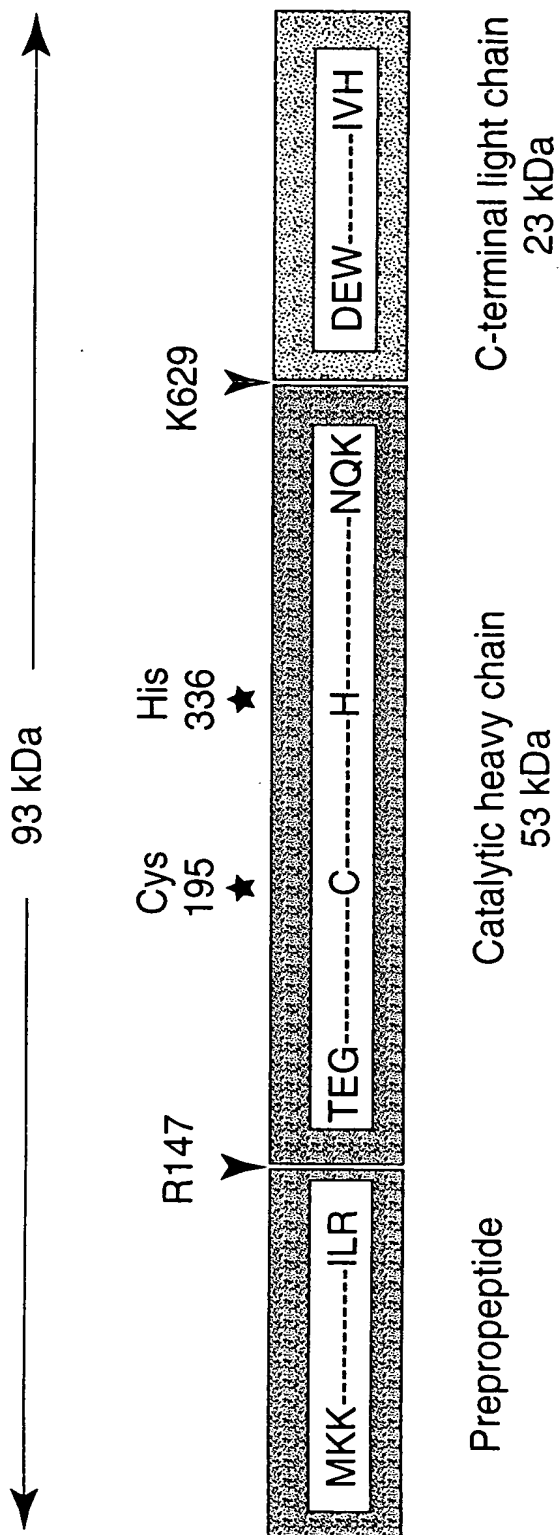


Fig. 2

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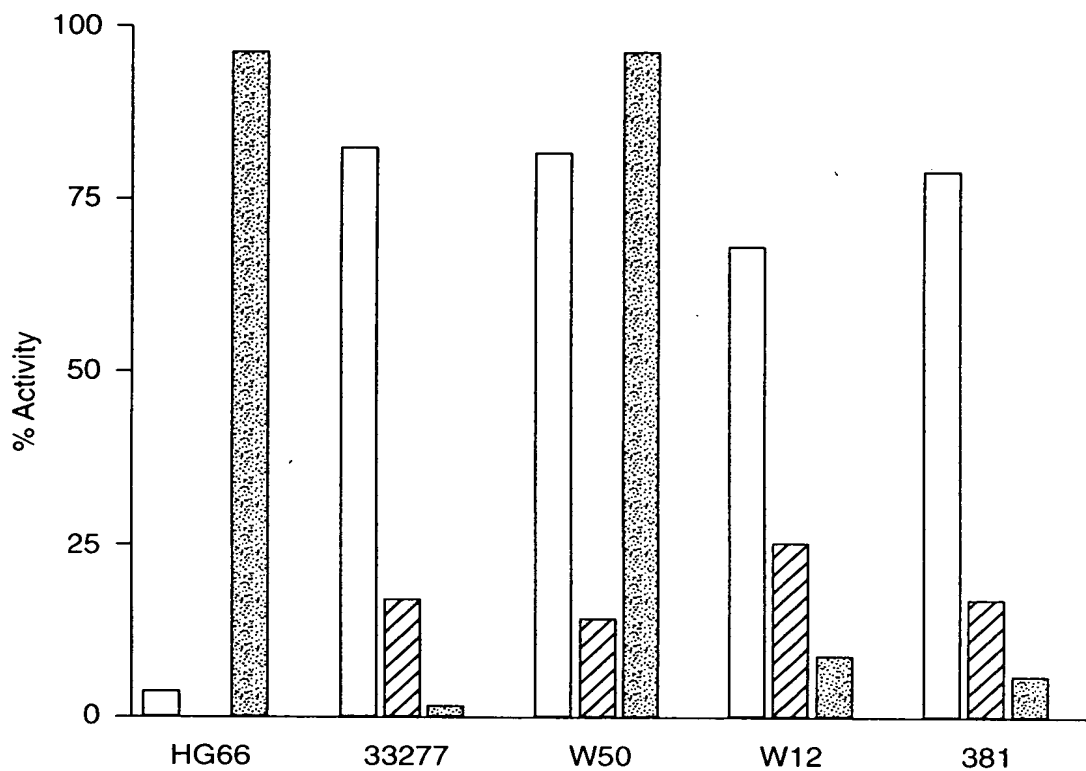


Fig. 3

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MPSSVSWGILLAGLCCLVPVSLAEDPQGDAQKTDTSHHDDQDHP
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RPFEVKDTEEEEDFHVDQVTTVKVPMKRLGMFNIQHCKKLSSWVLLMKYLGNATAIFF
LPDEGKLQHLENELTHDIIITKFLNEDRRSASLHLPKLSITGTYDLKSVLGQLGITKV
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FVFLMIEQNTKSPLFMGKVVNPTQK

SEQ ID NO:3

Fig. 4

GAMFLEAIPMSIPPE

SEQ ID NO:4

Fig. 6

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Fig. 5

ATGAAAAAAGTTTTCTTTTAGCCATAGTAATGCTCTTTGGCATTGCCATGCAGGGACAT
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SEQ ID NO:2

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